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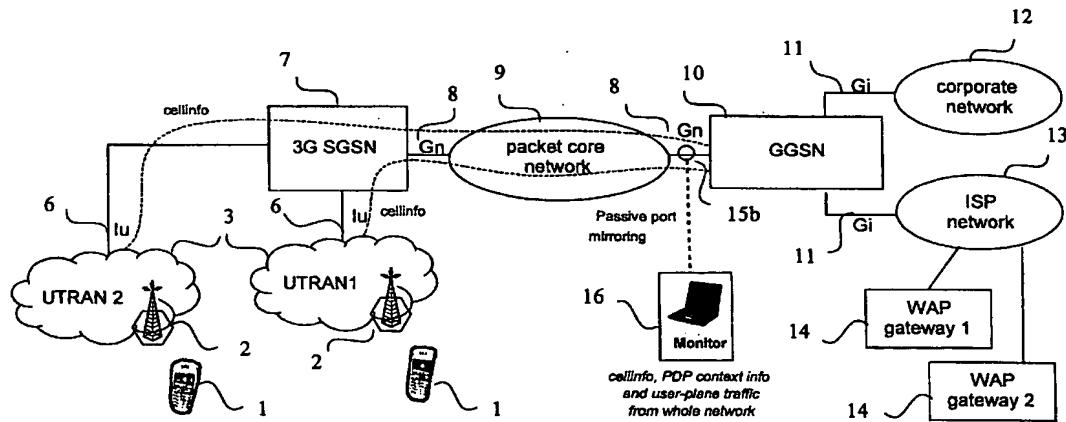
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(54) Title: LOCATION SIGNALING FOR LARGE-SCALE, END-TO-END, QUALITY-OF-SERVICE MONITORING OF MOBILE TELECOMMUNICATION NETWORKS



(57) Abstract: A method, network, and device for measuring and analyzing packet-switched traffic in a packet-switched radio telecommunication network. When cell-level location information for a mobile station (1) changes due to a handover, the location information is transmitted toward a packet core network (9) by adding the information to userplane packet headers such as a GPRS Tunneling Protocol (GTP) header (26). The measurement device measures the cell-level location information at a level (15b) in the network where the information from a plurality of mobile stations (1) is aggregated, together with PDP context information prior to analyzing information for the entire network.

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